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PTO/SB/05 (08-00)

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| UTILITY   | Attorney Docket No.                 | 106352                                      |

| PATENT APPLICATION   | First Inventor Paul A. Sechrist  |   |  |  |
|--|--|---|--|--|
| TRANSMITTAL  | CYCLIC CATALYST REGENERATION PROCESS USING ADSORPTION AND DESORPTION   |   |  |  |
| (Only for new nonprovisional applications under 37 CFR 1.53(b))  | Express Mail Label N   | lo. ET668928673US   |  |  |
| APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.                           | ADDRESS TO:  | Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231  |  |  |
| 1. Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original and a duplicate for fee processing)  2. Specification | Computer Pro  8. Nucleotide and/or Ar  (if applicable, all ner  a. Computer F  b. Specification Sec  i. CD-RON  ii. paper  c. Statements  ACCOMPANY  9. Assignment  10. 37 CFR 3.73  (when there  11. English Trai  12. Information  Statement (  13. Preliminary  14. Return Rec  (Should be sided Co  (if foreign pi  16. Other: F  proper application, from whice  usation or divisional application  rently omitted from the submite  ENCE ADDRESS | CD-R in duplicate, large table or or orgram (Appendix) mino Acid Sequence Submission dessary) Readable Form (CRF) quence Listing on: M or CD-R (2 copies); or  Verifying identity of above copies  VING APPLICATION PARTS  Papers (cover sheet & document(s)) 3(b) Statement Power of Attorney desired is an assignee) Instalion Document (if applicable) Disclosure Copies of IDS Citations  Amendment eipt Postcard (MPEP 503) specifically itemized) Dopy of Priority Document(s) dominated in Copies (Specifically itemized) Dominated in a preliminary amendment.  The an oath or declaration is supplied under the and is hereby incorporated by reference. |  |  |
| Name   | 1,0, 1,0   |   |  |  |
| Address  |  |   |  |  |
| City   | State  | Zip Code  |  |  |
| Country Tel  | ephone   | Fax   |  |  |
| Name (PrintiType) Michael A. Moore   | Registration No. (A  | ttorney/Agent) 41,203   |  |  |
| Signature huchees a.   | ncore  | Date Nov. 5, 2001   |  |  |
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Patent fees are subject to annual revision.

| TOTAL | AMOUNT | OF PAYMENT |  |
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| Co                   | mplete if Known                         |               |
| Application Number   |   |               |
| Filing Date          |   |               |
| First Named Inventor | Paul A. Sechrist                        |               |
| Examiner Name        |   | •             |
| Group Art Unit       |   |               |
| Attorney Docket No.  | 106352                                  |               |

| METHOD OF PAYMENT FEE CALCULATION (continued)                           |  |          |  |  |
|---|--|----------|--|--|
| The Commissioner is hereby authorized to charge                         | 3. ADDITIONAL FEES   |          |  |  |
| indicated fees and credit any overpayments to:  Deposit                 | Large Small  |          |  |  |
| Account<br>Number   | Entity Entity  Fee Fee Fee Fee Fee Description   | Fee Paid |  |  |
| Deposit   | Fee Fee Fee Fee Fee Description  | reeralu  |  |  |
| Account<br>Name   | 105 130 205 65 Surcharge - late filing fee or oath                                       |          |  |  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17           | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet                     |          |  |  |
| Applicant claims small entity status.                                   | 139 130 139 130 Non-English specification  |          |  |  |
| See 37 CFR 1.27   | 147 2,520 147 2,520 For filing a request for ex parte reexamination                      |          |  |  |
| 2. Payment Enclosed:  | 112 920° 112 920° Requesting publication of SIR prior to                                 |          |  |  |
| Check 🗹 Credit card 🗌 Money 📗 Other                                     | Examiner action  |          |  |  |
| FEE CALCULATION   | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action                |          |  |  |
| 1. BASIC FILING FEE   | 115 110 215 55 Extension for reply within first month                                    |          |  |  |
| Large Entity Small Entity   | 116 400 216 200 Extension for reply within second month                                  |          |  |  |
| Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid                | 117 920 217 460 Extension for reply within third month                                   |          |  |  |
| 404 740 004 070 18/24 52  | 118 1,440 218 720 Extension for reply within fourth month                                |          |  |  |
| 101 740 201 370 Other Hinng fee 740                                     | 128 1,960 228 980 Extension for reply within fifth month                                 |          |  |  |
| 107 510 207 255 Plant filing fee  | 119 320 219 160 Notice of Appeal   |          |  |  |
| 108 740 208 370 Reissue filing fee                                      | 120 320 220 160 Filing a brief in support of an appeal                                   |          |  |  |
| 114 160 214 80 Provisional filing fee                                   | 121 280 221 140 Request for oral hearing   |          |  |  |
| 740   | 138 1,510 138 1,510 Petition to institute a public use proceeding                        |          |  |  |
| SUBTOTAL (1) (\$) 740   | 140 110 240 55 Petition to revive - unavoidable  |          |  |  |
| 2. EXTRA CLAIM FEES   | 141 1,280 241 640 Petition to revive - unintentional                                     |          |  |  |
| Fee from Ext <u>ra Claims below</u> Fee Paid                            | 142 1,280 242 640 Utility issue fee (or reissue)   |          |  |  |
| Total Claims 22 -20** = 2 x 18 = 36                                     | 143 460 243 230 Design issue fee   |          |  |  |
| Independent 2 - 3** = X 84 = 0  | 144 620 244 310 Plant issue fee  |          |  |  |
| Multiple Dependent  | 122 130 122 130 Petitions to the Commissioner  |          |  |  |
|   | 123 50 123 50 Processing fee under 37 CFR 1.17(q)  |          |  |  |
| Large Entity Small Entity Fee Fee Fee Fee Description                   | 126 180 126 180 Submission of Information Disclosure Stmt                                |          |  |  |
| Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20                 | 581 40 581 40 Recording each patent assignment per property (times number of properties) |          |  |  |
| 102 84 202 42 Independent claims in excess of 3                         | 146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))            |          |  |  |
| 109 84 209 42 ** Reissue independent claims                             | 149 740 249 370 For each additional invention to be                                      |          |  |  |
| over original patent  | examined (37 CFR § 1.129(b))   |          |  |  |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent | 179 740 279 370 Request for Continued Examination (RCE)                                  |          |  |  |
| and over original patent  | 169 900 169 900 Request for expedited examination of a design application                |          |  |  |
| SUBTOTAL (2) (\$) 36  | Other fee (specify) 148 Statutory Disclaimer (\$110)                                     |          |  |  |
| **or number previously paid, if greater; For Reissues, see above        | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)                                      | 0        |  |  |

| SUBMITTED BY      |                   |    |                                   |        | Complete (if applicable) |                |  |
|-------------------|-------------------|----|-----------------------------------|--------|--------------------------|----------------|--|
| Name (Print/Type) | Mightael An Moore | 1  | Registration No. (Attorney/Agent) | 41,203 | Telephone                | (847) 391-2948 |  |
| Signature         | Muchaeck          | 1. | Moore                             |        | Date                     | Nov. 5, 2001   |  |

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## REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

| First Named Inventor   |  |        |
|--|--|--------|
| Title CYCLIC CATALYST REGENERATION PROCESS USING ADSORPTION AND DESORPTION |  |        |
| Atty Docket Number   |  | 106352 |

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Nov. 5, 2001

Date

Michael A. Moore

Attorney/Agent for Applicant(s)

Reg. No. 41,203

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

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